

Stream Quality Assessment Form

Lake County Soil and Water Conservation District

River Mile 0.1 Stream Paine Creek Sample #
 Location Indian Point
 County LAKE Township/City Leroy Date 9/25/07 Time 100
 Monitoring Group
 Or Individual Andrews, Brian No. of Participants 6

Riffle Structure

Width of Riffle
 Water Depth
 Water Temp °C or °F

Chemical Analysis

Dissolved O₂
 Acidity (pH)
 Salinity (Cl) 0.1 ppm
 Ammonia

Coliform sample taken?

Yes ☐ No ☐ #

Results

Bed Composition of Riffle (must add up to 100%)

SILT ☐ SAND ☐ GRAVEL ☐ COBBLES ☐ BOULDERS ☐
 (1/4"-2") (2"-10") (>10")

Descriptions of Water Conditions:

Special Notes:

under snipe

MACROINVERTEBRATE TALLY

Estimated Count

A= 1 to 9

B= 10 to 99

C= 100 or more

GROUP 1 TAXA	LTR. Code	GROUP 2 TAXA	LTR. Code	GROUP 3 TAXA	LTR. Code
Water Penny Larvae	<u>A</u>	Damselfly Nymphs		Blackfly Larvae	<u>B</u>
Mayfly Nymphs	<u>A</u>	Dragonfly Nymphs	<u>A</u>	Aquatic Worms	<u>A</u>
Stonefly Nymphs	<u>A</u>	Crane fly Larvae	<u>A</u>	Midge Larvae	<u>A</u>
Dobsonfly Larvae	<u>A</u>	Beetle Larvae	<u>A</u>	Pouch Snails	<u>—</u>
Caddisfly Larvae	<u>B</u>	Crayfish	<u>A</u>	Leeches	<u>—</u>
Riffle Beetle Adult	<u>—</u>	Scuds	<u>—</u>		
Gill Snails - (open right)	<u>—</u>	Clams	<u>—</u>		
		Sow Bugs	<u>—</u>		
NUMBER OF TAXA	<u>5</u>	NUMBER OF TAXA	<u>4</u>	NUMBER OF TAXA	<u>1</u>
(TIMES) INDEX VALUE	<u>15</u>	(TIMES) INDEX VALUE	<u>4</u>	(TIMES) INDEX VALUE	<u>1</u>
3		2		VALUE 1	

Cumulative
Index
Value

26

Stream Quality Assessment

Excellent (> 22)

Good (17-22)

Fair (11-16)

Poor (<11)

Please Send this form to:

Lake County Soil and Water
 Conservation District
 125 East Erie St.
 Painesville OH 44077

Stream Quality Assessment Form

Lake County Soil and Water Conservation District

River Mile _____ Stream Pain Creek Sample # _____
 Location Indian Point Park
 County Lake Township/City Leroy Date 9/25/07 Time _____
 Monitoring Group _____
 Or Individual Andrews-Osborne Academy No. of Participants 7

Riffle Structure

Width of Riffle _____
 Water Depth _____
 Water Temp ____°C or 75°F

Chemical Analysis

Dissolved O₂ _____
 Acidity (pH) _____
 Salinity (Cl) _____
 Ammonia _____

Coliform sample taken?

Yes ☐ No ☐ # _____

Results / _____

Bed Composition of Riffle (must add up to 100%)

SILT ☐ 5% SAND ☐ 10% GRAVEL ☐ 20% COBBLES ☐ 50% BOULDERS ☐ 15%
 (1/4"-2") (2"-10") (>10")

Descriptions of Water Conditions:

Special Notes:

Rainbow Darter

MACROINVERTEBRATE TALLY

Estimated Count

A= 1 to 9
 B= 10 to 99
 C= 100 or more

GROUP 1 TAXA	LTR. Code	GROUP 2 TAXA	LTR. Code	GROUP 3 TAXA	LTR. Code
Water Penny Larvae		Damselfly Nymphs	<u>A</u>	Blackfly Larvae	
Mayfly Nymphs	<u>A</u>	Dragonfly Nymphs		Aquatic Worms	
Stonefly Nymphs	<u>B</u>	Cranefly Larvae	<u>A</u>	Midge Larvae	
Dobsonfly Larvae	<u>B</u>	Beetle Larvae		Pouch Snails	
Caddisfly Larvae	<u>A</u>	Crayfish		Leeches	
Riffle Beetle Adult	<u>A</u>	Scuds			
Gill Snails - (open right)		Clams			
		Sow Bugs			
NUMBER OF TAXA	<u>5</u>	NUMBER OF TAXA	<u>2</u>	NUMBER OF TAXA	<u>0</u>
(TIMES) INDEX VALUE 3	<u>15</u>	(TIMES) INDEX VALUE 2	<u>4</u>	(TIMES) INDEX VALUE 1	<u>0</u>

Cumulative
 Index
 Value

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Stream Quality Assessment

Excellent (> 22)
 Fair (11-16)

Good (17-22)
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